

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	10636598	@ad<="19900607"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 07:38
L2	39	(norand.asn. intermec.asn. broadcom.asn.) and (bar \$3code (bar adj code)) and L1	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:38
L3	16	(voice audio speaker) and L2	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:38
L4	2	L3 and generator same modulator	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:38
L7	8443362	@ad<="19880114"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 07:40
L8	4	(dimensional 2d ocd imager camera array) and (cellular (portable cell mobile) near phone) and L7 and (bar \$3code (bar adj code))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/01/14 07:40
S160	176896	((low adj pass) low\$3pass)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; IBM_TDB	OR	ON	2010/01/14 06:55
S161	8443362	@ad<="19880114"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 06:55
S162	186626	"340".clas.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 06:55
S163	42	S160 and S161 and S162 and antenna and (replaceabl\$4 module removab\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 06:55
S164	10636598	@ad<="19900607"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 06:55

S165	11	S160 and S164 and S162 and antenna and (replaceabl\$4 module removab\$4) not S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 06:55
S166	8118	"235"/462.\$ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 06:55
S167	8443362	@ad<="19880114"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/01/14 06:55
S168	49	S166 and (rf radio transceiv\$4 wire\$3less antenna) and S167	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 06:55
S169	1924656	(dimensional 2d ccd imager camera array)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 06:55
S170	11	S169 and S168	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 06:55
S171	80	S166 and (rf radio transceiv\$4 wire\$3less antenna) and S164	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 06:56
S172	50	("4158194"   "4418277"   "4727245"   "4801786").PN. OR ("5023438").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 06:57
S173	28773	(portable handheld mobile) same (bar\$3code (bar adj code) symbol datamatrix (optical adj code))	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:18
S174	23662	S173 and (remov\$4 detach\$4 separat\$4 separable)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:19
S175	6781	235/462.\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:20
S176	2119	S174 and S175	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:20
S177	121	S176 and S164	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:20
S178	1776	235/472.\$ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:25
S179	728	S174 and S178	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:25
S180	30	S179 and S164	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:25
S181	5	S180 not S177	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:25
S182	108236	(portable handheld mobile) same (ccd imager camera 2d reader scanner)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:29
S183	89575	S182 and (remov\$4 detach\$4 separat\$4 separable)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:29

S184	32275	S183 and (voice microphone)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:29
S185	8566	S183 and (voice microphone) same (radio antenna rf)	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:30
S186	134	S185 and S175	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:31
S187	3	S186 and S164	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:31
S188	86	S185 and S178	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:32
S189	0	S188 and S164	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:33
S190	6	(norand.asn. intermec.asn. broadcom.asn.) and S160 and S161	US-PGPUB; USPAT; USOCR	OR	ON	2010/01/14 07:34

### EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L9	57909	voice.clm.	US-PGPUB; USPAT	OR	ON	2010/01/14 07:40
L10	214568	generator.clm.	US-PGPUB; USPAT	OR	ON	2010/01/14 07:41
L11	50702	modulator.clm.	US-PGPUB; USPAT	OR	ON	2010/01/14 07:41
L12	177860	modulat\$4.clm.	US-PGPUB; USPAT	OR	ON	2010/01/14 07:41
L13	200723	(mobile portable handheld).clm.	US-PGPUB; USPAT	OR	ON	2010/01/14 07:41
L14	1660373	(remov\$4 separat\$4 separable detach\$4). clm.	US-PGPUB; USPAT	OR	ON	2010/01/14 07:42
L15	239081	module.clm.	US-PGPUB; USPAT	OR	ON	2010/01/14 07:42
L16	438088	(imager reader scanner bar\$3code (bar adj code) optical ccd).clm.	US-PGPUB; USPAT	OR	ON	2010/01/14 07:43
L17	4	9 and 10 and 12 and 13 and 14 and 15 and 16	US-PGPUB; USPAT	OR	ON	2010/01/14 07:43
L18	6737	235/462.\$ccls.	US-PGPUB; USPAT	OR	ON	2010/01/14 07:44
L19	1769	235/472.\$ccls.	US-PGPUB; USPAT	OR	ON	2010/01/14 07:44
L20	0	17 and (18 19)	US-PGPUB; USPAT	OR	ON	2010/01/14 07:44

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